Index of Claims

| Application/Contro | ol No. |
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10/621,632

ADELMANN ET AL.

Applicant(s)/Patent under Reexamination

Art Unit

Examiner

Pierre-Michel Bataille

2186

√ Rejected
= Allowed

\_ (Through numeral)
Cancelled

Restricted

N Non-Elected

Interference

A Appeal
O Objected

| Claim    | Date                                    |                     |          |          |              |          |          | <u> </u>        | Claim Date |          |          |        |          |          |                 |          |               | CI       | Claim           |               |          | Date       |          |                |  |          |  |              |                 |          |          |
|----------|---|---------------------|----------|----------|--------------|----------|----------|-----------------|------------|----------|----------|--------|----------|----------|-----------------|----------|---------------|----------|-----------------|---------------|----------|------------|----------|----------------|--|----------|--|--------------|-----------------|----------|----------|
| Final    | 11-26-06                                | 5-14-07             |          |          |              |          |          |                 |            | Final    | Original |        |          |          |                 |          |               |          |                 |               | Final    | Original   |          |                |  |          |  |              |                 |          |          |
| 1        | x                                       | x                   | +        | +        | ┪            | 7        | $\dashv$ | $\dashv$        | ᅱ          |          | 51       | +      | Н        |          | <b>-</b>        | _        | 十             | _        | $\top$          | 7             |          | 101        |          |                |  | 寸        | $\neg$   | ᅵ            |                 | 寸        |          |
| 2        |   | $\frac{\hat{x}}{x}$ |          | +        | 十            | ヿ        | $\dashv$ |                 | 寸          | ļ        | 52       | $\top$ | П        |          | T               | 寸        | 寸             | $\neg$   | 1.              |               |          | 102        |          |                |  | T        |  | $\neg$       |                 |          | $\Box$   |
| 3        |   | x                   | $\top$   | _        | 1            | _        | 寸        | T               |            |          | 53       |        | П        |          |                 | ヿ        | _             | $\neg$   |                 | ٦             |          | 103        |          |                |  |          |  |              |                 |          |          |
| 4        |   | x                   | $\neg$   | $\top$   | $\dashv$     | $\dashv$ |          |                 | T          |          | 54       |        |          |          | I               |          |               |          |                 |               |          | 104        |          |                |  |          |  |              |                 |          |          |
| 5        |   | $\overline{x}$      | Т        | T        | $\neg$       | T        |          |                 |            |          | 55       |        |          |          |                 |          | $\Box$        |          |                 |               |          | 105        |          |                |  |          | _  |              |                 | _        | $\Box$   |
| 6        | X                                       | X                   |          | 7        |              |          |          | $\Box$          |            |          | 56       |        |          |          |                 |          |               |          |                 |               |          | 106        |          |                |  |          | _  |              |                 |          | _        |
| 7        |   | X                   |          |          |              |          |          |                 |            |          | 57       |        |          |          |                 | _        | $\perp$       | _        |                 | _             |          | 107        |          |                |  | _        |  | _            | _               |          | _        |
| 8        |   | Х                   |          |          |              |          | _        | _               |            |          | 58       |        |          |          |                 | _        | _             | _        | _               | _             | ļ        | 108        |          |                |  | _        | _  | _            | _               | 4        | _        |
| 9        |   | X                   | $\perp$  | 4        | $\perp$      | _        | _        | _               | _          |          | 59       |        | Щ        |          | _               | _        | 4             | _        | _               | _             |          | 109        |          |                |  |          | $\dashv$   | $\dashv$     | -               | -        |          |
| 10       |   | X                   | 4-       | _        | _            | 4        | _        | _               | $\dashv$   |          | 60       | ┷      | Ш        |          | $\dashv$        | _        | -             | $\dashv$ | _               |               | <u> </u> | 110        | -        |                | $\dashv$   |          | $\dashv$   | $\dashv$     | $\dashv$        | -        | ᅴ        |
| 11       |   | X                   | _        |          | 4            | _        | _        | _               | $\dashv$   | <u> </u> | 61       | +      | $\vdash$ |          | -               | $\dashv$ | $\dashv$      | $\dashv$ | +               | -             |          | 111        | $\vdash$ | $\vdash$       | $\dashv$   | -        |  |              | +               | -        |          |
| 12       |   | X                   |          | +        | +            |          |          | _               | $\dashv$   | $\vdash$ | 62       |        |          | $\vdash$ |                 | $\dashv$ | $\dashv$      | $\dashv$ | +               | $\dashv$      |          | 113        | $\vdash$ | $\vdash$       |  | $\dashv$ |  | $\dashv$     | $\dashv$        | -        | $\dashv$ |
| 13       |   | Ϋ́                  | -        | +        | +            | 4        |          | $\dashv$        | $\dashv$   | -        | 63<br>64 |        | $\vdash$ |          | -               | $\dashv$ | $\dashv$      | $\dashv$ | -+              | $\dashv$      | -        | 114        | $\vdash$ | -              | $\dashv$   | -        |  | -            | $\dashv$        | $\dashv$ | ᅱ        |
| 14<br>15 |   | X                   | +        | +        | +            | $\dashv$ |          | $\dashv$        | $\dashv$   | -        | 65       |        | $\vdash$ | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$      | +        | +               | $\dashv$      | -        | 115        |          | $\vdash$       | $\dashv$   | -        |  | -            | $\dashv$        | $\dashv$ | $\dashv$ |
| 16       | <del>^</del>                            | â                   | +        |          | +            | -        | ᅱ        |                 | $\dashv$   |          | 66       |        | Н        |          | $\dashv$        | -        | 十             | $\dashv$ |                 | ┨             | -        | 116        | $\vdash$ |                | $\dashv$   | $\dashv$ |  | $\dashv$     | 7               | $\neg$   | ᅥ        |
| 17       | <del> </del>                            | Ĥ                   | +        | +        | +            | ᅥ        |          | $\dashv$        | ᅱ          |          | 67       |        |          |          | -               | ┪        | +             | 7        | +               | ┪             |          | 117        | _        |                |  |          | $\neg$   |              | $\neg$          |          | $\neg$   |
| 18       |   | $\hat{\mathbf{x}}$  | -        | +        | ╅            | _        | $\neg$   | ᅥ               | $\dashv$   |          | 68       | _      | $\vdash$ | $\Box$   | _               | $\dashv$ | $\dashv$      | 7        |                 | ٦.            |          | 118        |          |                |  |          |  |              |                 |          | $\neg$   |
| 19       |   | χÌ                  | +        | +        | ┪            | $\dashv$ | _        | $\dashv$        | ┪          |          | 69       |        | $\vdash$ |          | _               | $\neg$   | $\dashv$      | _        |                 |               |          | 119        |          | П              |  |          |  |              | 寸               |          |          |
| 20       | X                                       | $\frac{\hat{x}}{x}$ | $\dashv$ | +        | 寸            | _        |          |                 | $\neg$     |          | 70       |        | Γ        | П        |                 | $\neg$   | 一             |          | $\neg$          | 7             |          | 120        |          |                |  |          |  |              |                 |          |          |
| 21       |   | x                   | $\top$   | _        | 7            |          | $\neg$   | ヿ               | ヿ          |          | 71       |        |          |          |                 |          | $\neg$        | $\neg$   | 1               |               |          | 121        |          |                |  |          |  |              |                 |          |          |
| 22       |   | x                   |          | T        | 丁            |          |          |                 |            |          | 72       |        |          |          |                 |          |               |          |                 |               |          | 122        |          |                |  |          |  | Ш            |                 |          |          |
| 23       |   |                     |          |          |              |          |          |                 |            |          | 73       |        |          |          |                 |          |               |          |                 |               |          | 123        | _        |                |  |          |  |              |                 | _        |          |
| 24       |   |                     |          |          |              |          |          |                 |            |          | 74       |        |          |          |                 | _        | _             | $\dashv$ | _               | _             |          | 124        |          |                |  |          |  |              | 4               | _        | Ш        |
| 25       |   | $\perp$             |          | $\perp$  | $\perp$      |          | _        |                 |            | <u> </u> | 75       |        | L_       | Ш        |                 | _        | _             | _        | _               | 4             |          | 125        | _        |                |  |          |  |              | -               | _        | -        |
| 26       | Ш                                       | _                   | _        | _        | _            |          | _        | _               | _          | _        | 76       |        |          | Ш        | $\dashv$        |          | _             | _        |                 | 4             | _        | 126        | _        | _              | Н  |          |  |              |                 | -        | -        |
| 27       | 4-4                                     | _                   | _        | 4        | _            | _        |          |                 |            | -        | 77       |        |          | $\vdash$ |                 | _        | -             |          | -               | 4             |          | 127<br>128 | $\vdash$ | H              | $\vdash$   |          |  | -            |                 | -        |          |
| 28       |   |                     | $\dashv$ | +        | -+           | -        |          |                 | _          |          | 78       |        | ╁        | -        |                 |          | -             | $\dashv$ | +               | $\dashv$      |          | 129        | -        | ├              | Н  |          | _  | Н            | -               |          |          |
| 29       |   |                     |          | +        | -+           | $\dashv$ |          |                 | _          |          | 80       |        | -        | -        | -               | $\dashv$ | $\dashv$      | $\dashv$ | -+              | $\dashv$      | -        | 130        | -        | $\vdash$       | Н  |          |  | Н            | -               | -        | _        |
| 30       | ++                                      | -                   | +        | +        | $\dashv$     | -        |          |                 | _          |          | 81       |        | -        | H        | H               | -+       | -+            | $\dashv$ |                 | $\dashv$      |          | 131        |          | -              | Н  |          | _  | Н            | $\dashv$        | $\neg$   |          |
| 32       | ╁╌┤                                     |                     | $\dashv$ | $\dashv$ | -+           | -        |          | $\dashv$        | $\dashv$   |          | 82       |        | +        |          |                 | -        | -+            | $\dashv$ | $\dashv$        | ┪             |          | 132        |          |                | Н  |          | Н  | П            |                 |          |          |
| 33       |   | -                   | $\dashv$ | +        | -            | $\dashv$ | -        |                 | ┪          | -        | 83       |        | 十        | -        |                 | 一        | $\neg$        | $\dashv$ | $\dashv$        | ┥.            |          | 133        | T        | _              |  |          | _  |              |                 |          |          |
| 34       |   | -                   | +        | +        | 十            | $\dashv$ | $\vdash$ | $\dashv$        | $\dashv$   | -        | 84       |        | †        |          | $\vdash$        | $\neg$   | $\dashv$      | ᅦ        | $\dashv$        | $\dashv$      | -        | 134        | Т        | $\vdash$       | П  |          | -  | П            | $\dashv$        |          |          |
| 35       |   | -                   | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ | $\vdash$ |                 | $\dashv$   |          | 85       |        | T        | П        |                 | 一        | 7             | $\neg$   | $\neg \uparrow$ | $\exists$     |          | 135        |          |                |  |          |  |              |                 |          |          |
| 36       |   | $\dashv$            | $\dashv$ | 十        | $\dashv$     |          |          |                 | -          |          | 86       |        | T        |          |                 |          |               | $\dashv$ |                 |               |          | 136        | L        | L              |  |          |  |              |                 |          |          |
| 37       |   |                     | $\neg$   | $\top$   | $\dashv$     |          |          | $\neg$          | $\dashv$   |          | 87       |        | Π        | П        | П               |          |               |          |                 |               |          | 137        |          |                |  |          |  |              |                 |          |          |
| 38       |   | $\neg$              | 十        | 十        | 7            |          |          |                 | $\Box$     |          | 88       |        |          |          |                 |          |               |          | ╛               | $\overline{}$ |          | 138        |          |                |  |          |  |              |                 |          |          |
| 39       |   | コ                   |          |          |              |          |          |                 |            |          | 89       |        |          |          |                 |          |               |          |                 | $\Box$        |          | 139        |          | <u> </u>       |  |          | <u> </u>   | <u> </u>     | $\sqcup$        | _        | <u> </u> |
| 40       | $\Box$                                  |                     |          |          |              |          |          |                 |            |          | 90       |        | $\perp$  |          |                 |          | ightharpoonup |          | $\perp$         | $\dashv$      |          | 140        | <u> </u> | <u> </u>       | _  | <u> </u> | <u> </u>   | <u> </u>     | $\square$       |          | <u> </u> |
| 41       |   |                     | 工        | $\perp$  |              |          |          |                 |            |          | 91       |        | <u> </u> |          | Ш               |          |               | _        | _               | _             | <u> </u> | 141        | <u> </u> | ₩              | _  | <u> </u> | <u> </u>   |              | $\vdash \vdash$ |          | <u> </u> |
| 42       | $\bot$                                  |                     | _        |          | _            |          |          | $\square$       |            | <u> </u> | 92       |        | -        | ــ       | -               |          | _             | _        | $\dashv$        | $\dashv$      | <u> </u> | 142        |          | <del> </del> — | <u> </u>   | <u> </u> |  | ⊢            | $\vdash \vdash$ |          | -        |
| 43       |   | _                   | 4        | _        | $\downarrow$ | _        |          |                 |            | -        | 93       |        |          | -        | $\vdash \vdash$ |          |               |          |                 | $\dashv$      | -        | 143        | -        | ├              | H  | ├        | $\vdash$   | $\vdash$     | $\vdash$        |          | $\vdash$ |
| 44       |   |                     | $\perp$  | $\dashv$ |              | _        | <u> </u> | $\vdash \vdash$ |            |          | 94       |        | +        | $\vdash$ | $\vdash$        | -        | $\dashv$      | $\dashv$ | $\dashv$        | $\dashv$      | -        | 145        | ╁        | ┼              | <del>                                     </del> | $\vdash$ | $\vdash$   | ⊢            | Н               |          | $\vdash$ |
| 45       |   |                     | $\dashv$ | -        | -            | _        |          | Ш               |            | -        | 98       |        | +        | -        | $\vdash$        | $\dashv$ | $\dashv$      |          | +               | $\dashv$      | -        | 146        | -        | $\vdash$       | ├  | $\vdash$ | ⊢  | <del> </del> | $\vdash$        |          |          |
| 46       |   | _                   | $\dashv$ | +        | $\dashv$     | _        |          | $\vdash$        | $\dashv$   | -        | 97       |        | +-       | -        | Н               | $\vdash$ |               | -        | -+              | $\dashv$      |          | 147        | +-       | +-             | t  | -        | -  | $\vdash$     | $\vdash \dashv$ |          | H        |
| 48       |   | $\vdash$            | -+       | $\dashv$ | $\dashv$     | -        |          | H               |            | -        | 98       |        | +-       | $\vdash$ | $\vdash$        | $\vdash$ | -             | $\dashv$ | $\dashv$        | $\dashv$      |          | 148        | +-       | 1              | t  | 1        | <del>                                     </del> | T            | $\vdash$        | _        |          |
| 49       |   | $\vdash$            | $\dashv$ | -+       | $\dashv$     | _        | -        | Н               | $\dashv$   |          | 99       |        | +-       | T        | Н               | $\vdash$ |               | $\dashv$ | 十               | 7             |          | 149        | 1        | 1              | Π  | Г        |  |              | П               |          |          |
| 50       |   |                     | _        | 十        | _            |          | 广        | $\vdash$        | $\Box$     |          | 10       | 0      |          | T        |                 | П        | $\neg$        |          |                 |               |          | 150        |          |                |  |          |  |              |                 |          |          |
|          | لــــــــــــــــــــــــــــــــــــــ | لـــا               |          | _1       |              |          | _        | نـــا           |            | Щ.       |          |        |          | _        |                 | ш.       |               |          |                 |               | <u> </u> |            |          |                |  | _        | _  | _            |                 |          |          |